# Zoznam publikačnej činnosti 2010 - 2014

Katedra matematiky a deskriptívnej geometrie, SvF STU v BA

## AAA Vedecké monografie vydané v zahraničných vydavateľstvách

AAA01    SVETLÍKOVÁ, Daniela - KOHNOVÁ, Silvia - SZOLGAY, Ján - KOMORNÍKOVÁ, Magda - HLAVČOVÁ, Kamila. *Využitie hybridných metód v hydrologických predpovediach*. 1.vyd. Ostrava : KEY Publishing, 2010. 106 s. ISBN 978-80-7418-084-2.

AAA02    ŠEVČOVIČ, Daniel - STEHLÍKOVÁ, Beáta - MIKULA, Karol. *Analytical and numerical methods for pricing financial derivatives*. New York : Nova Science, 2011. 330 s. ISBN 978-1-61728-780-0.

## AAB Vedecké monografie vydané v domácich vydavateľstvách

AAB01    KÚTIK, Pavol. *Numerical Solution of Partial Differential Equations in Financial Mathematics*. 1. vyd. Bratislava : Slovenská technická univerzita v Bratislave, 2014. 140 s. ISBN 978-80-227-4231-3.

AAB02    PETRIČKOVÁ, Anna. *Regime-Switching Time Series Models and Their Application*. 1. vyd. Bratislava : Slovenská technická univerzita v Bratislave 2014. 83 s. Edícia vedeckých prác zošit č. 135. ISBN 978-80-227-4229-0.

## ABC Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách

ABC01    BUSTINCE, Humberto - PATERNAIN, Daniel - DE BAETS, Bernard - CALVO, Tomas - FODOR, János - MESIAR, Radko - MONTERO, Javier - PRADERA, Ana. Two methods for image compression/reconstruction using OWA operators. In *Recent Developments in the Ordered Weighted Averaging Operators: Theory nad Practice*. 1.vyd : Springer, 2011, s.229-253. ISBN 978-3-642-17909-9.

ABC02    HLINĚNÁ, Dana - KALINA, Martin - KRÁĽ, Pavol. Preference modelling using the level-dependent choquet integral with respect to Łukasiewicz filters. In *Foundations of Reasoning under Uncertainty : Studies in Fuzziness and Soft Computing. Vol. 249*. Berlin : Springer Verlag, 2010, s.167-188. ISBN 978-3-642-10726-9.

ABC03    MESIAR, Radko - VAVRÍKOVÁ, Lucia. Fuzzy Sets and Fuzzy Logic-Based Methods in Multicriteria Decision Analysis. In *Trends in Multiple Criteria Decision Analysis : International Series in Operations Research & Management Science. Vol. 142*. New York : Springer Verlag, 2010, s.157-175. ISBN 978-1-4419-5903-4.

## ACB Vysokoškolské učebnice vydané v domácich vydavateľstvách

ACB01    VAJSÁBLOVÁ, Margita. *Matematická kartografia*. 1.vyd. Bratislava : Nakladateľstvo STU, 2013. 315 s. ISBN 978-80-227-4027-2.

## ADC Vedecké práce v zahraničných karentovaných časopisoch

ADC01    AGAHI, Hamzeh - MESIAR, Radko - OUYANG, Yao. Further development of Chebyshev type inequalities for Sugeno integrals and T-(S-)evaluators. In *Kybernetika*. Vol. 46, No. 1 (2010), s.83-95. ISSN 0023-5954 (2010: 0.461 - IF, 0.309 - SJR, Q2 - SJR Best Q).

ADC02    AGAHI, Hamzeh - MESIAR, Radko - OUYANG, Yao - PAP, Endre - ŠTRBOJA, Mirjana. Berwald type inequality for Sugeno integral. In *Applied Mathematics and Computation*. Vol. 217, No. 8 (2010), s. 4100-4108. ISSN 0096-3003 (2010: 1.536 - IF, 0.842 - SJR, Q2 - SJR Best Q).

ADC03    AGAHI, Hamzeh - MESIAR, Radko - OUYANG, Yao. General Minkowski type inequalities for Sugeno integrals. In *Fuzzy Sets and Systems*. Vol. 161, Issue 5 (2010), s. 708-715. ISSN 0165-0114 (2010: 1.875 - IF, 1.274 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC04    AGAHI, Hamzeh - OUYANG, Yao - MESIAR, Radko - PAP, Endre - ŠTRBOJA, Mirjana. Holder and Minkowski type inequalities for pseudo-integral. In *Applied Mathematics and Computation*. Vol. 217, No. 21 (2011), s. 8630-8639. ISSN 0096-3003 (2011: 1.317 - IF, 1.050 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC05    AGAHI, Hamzeh - MESIAR, Radko - OUYANG, Yao - PAP, Endre - STRBOJA, Mirjana. General Chebyshev type inequalities for universal integral. In *Information Sciences*. Vol. 187 (2012), s. 171-178. ISSN 0020-0255 (2012: 3.643 - IF, Q1 - JCR Best Q, 2.964 - SJR, Q1 - SJR Best Q).

ADC06    AGAHI, Hamzeh - MESIAR, Radko - OUYANG, Yao. On some advanced type inequalities for Sugeno integral and T-(S-)evaluators. In *Information Sciences*. Vol. 190 (2012), s. 64-75. ISSN 0020-0255 (2012: 3.643 - IF, Q1 - JCR Best Q, 2.964 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC07    AGAHI, Hamzeh - MOHAMMADPOUR, Adel - MESIAR, Radko - MANSOUR VAEZPOUR, S. Liapunov-Type Inequality for Universal Integral. In *International Journal of Intelligent Systems*. Vol. 27, No.10 (2012), s.908-927. ISSN 0884-8173 (2012: 1.416 - IF, Q2 - JCR Best Q, 0.937 - SJR, Q1 - SJR Best Q).

ADC08    AGAHI, Hamzeh - MOHAMMADPOUR, Adel - MESIAR, Radko - OUYANG, Yao. On a strong law of large numbers for monotone measure. In *Statistics & Probability Letters*. Vol. 83, No. 4 (2013), s. 1213-1218. ISSN 0167-7152 (2013: 0.531 - IF, Q4 - JCR Best Q, 0.771 - SJR, Q2 - SJR Best Q).

ADC09    AGAHI, Hamzeh - MOHAMMADPOUR, Adel - MESIAR, Radko - VAEZPOUR, S. Mansour. Useful tools for non-linear systems: Several non-linear integral inequalities. In *Knowledge-Based Systems*. Vol. 49 (2013), s. 73-80. ISSN 0950-7051 (2013: 3.058 - IF, Q1 - JCR Best Q, 1.977 - SJR, Q1 - SJR Best Q).

ADC10    AGAHI, Hamzeh - MESIAR, Radko - OUYANG, Yao - PAP, Endre - ŠTRBOJA, Mirjana. On Stolarsky inequality for Sugeno and Choquet integrals. In *Information Sciences*. Vol. 266 (2014), s. 134-139. ISSN 0020-0255 (2014: 4.038 - IF, Q1 - JCR Best Q, 2.226 - SJR, Q1 - SJR Best Q).

ADC11    AGAHI, Hamzeh - MESIAR, Radko. On an Exponential Inequality and a Strong Law of Large Numbers for Monotone Measures. In *Kybernetika*. Vol. 50, no. 5 (2014), s. 804-813. ISSN 0023-5954 (2014: 0.541 - IF, Q4 - JCR Best Q, 0.369 - SJR, Q2 - SJR Best Q).

ADC12    ARCHDEACON, Dan - CONDER, Marston - ŠIRÁŇ, Jozef. Trinity symmetry and kaleidoscopic regular maps. In *Transactions of the American Mathematical Society*. Vol. 366, no. 8 (2014), s. 4491-4512. ISSN 0002-9947 (2014: 1.122 - IF, Q1 - JCR Best Q, 2.389 - SJR, Q1 - SJR Best Q).

ADC13    BACIGÁL, Tomáš - PEKÁROVÁ, Monika - MESIAR, Radko. On some new constructions of Archimedean copulas and applications to fitting problems. In *Neural network world*. Vol. 20, No. 1 (2010), s.81-90. ISSN 1210-0552 (2010: 0.511 - IF, 0.210 - SJR, Q3 - SJR Best Q).

ADC14    BACIGÁL, Tomáš - JÁGR, Vladimír - MESIAR, Radko. Non-exchangeable random variables, Archimax copulas and their fitting to real data. In *Kybernetika*. Vol. 47, No. 4 (2011), s. 519-531. ISSN 0023-5954 (2011: 0.454 - IF, 0.307 - SJR, Q2 - SJR Best Q).

ADC15    BALASUBRAMANIAM, Jayaram - BACZYŃSKI, Michal - MESIAR, Radko. R-implications and the exchange principle: The case of border continuous t-norms. In *Fuzzy Sets and Systems*. Vol. 224 (2013), s. 93-105. ISSN 0165-0114 (2013: 1.880 - IF, Q1 - JCR Best Q, 1.558 - SJR, Q1 - SJR Best Q).

ADC16    BALAŽOVJECH, Martin - MIKULA, Karol. A Higher Order Scheme for a Tangentially Stabilized Plane Curve Shortening Flow with a Driving Force. In *SIAM Journal on Scientific Computing*. Vol. 33, No. 5 (2011), s.2277-2294. ISSN 1064-8275 (2011: 1.569 - IF, 1.623 - SJR, Q1 - SJR Best Q).

ADC17    BALAŽOVJECH, Martin - HALADA, Ladislav. Efficient application of e-invariants in finite element method for an elastodynamic equation. In *Kybernetika*. Vol. 49, No. 5 (2013), s.765-779. ISSN 0023-5954 (2013: 0.563 - IF, Q3 - JCR Best Q, 0.348 - SJR, Q2 - SJR Best Q).

ADC18    BEDREGAL, Benjamín René Callejas - BELIAKOV, Gleb - BUSTINCE, Humberto - CALVO, Tomas - MESIAR, Radko - PATERNAIN, Daniel. A class of fuzzy multisets with a fixed number of memberships. In *Information Sciences*. Vol. 189 (2012), s.1-17. ISSN 0020-0255 (2012: 3.643 - IF, Q1 - JCR Best Q, 2.964 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC19    BELIAKOV, Gleb - JAMES, Simon - MORDELOVÁ-BEGANOVÁ, Juliana - RÜCKSCHLOSSOVÁ, Tatiana - YAGER, Ronald R. Generalized Bonferroni mean operators in multi-criteria aggregation. In *Fuzzy Sets and Systems*. Vol. 161, Issue 17 (2010), s. 2227-2242. ISSN 0165-0114 (2010: 1.875 - IF, 1.274 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC20    BODJANOVA, Slavka - KALINA, Martin. Approximate evaluations based on aggregation functions. In *Fuzzy Sets and Systems*. Vol. 220 (2013), s.34-52. ISSN 0165-0114 (2013: 1.880 - IF, Q1 - JCR Best Q, 1.558 - SJR, Q1 - SJR Best Q).

ADC21    BORKOTOKEY, Surajit - MESIAR, Radko. The Shapley value of cooperative games under fuzzy settings: a survey. In *International Journal of General Systems*. Vol. 43, no. 1 (2014), s. 75-95. ISSN 0308-1079 (2014: 1.637 - IF, Q1 - JCR Best Q, 0.624 - SJR, Q2 - SJR Best Q).

ADC22    BOURGINE, Paul - ČUNDERLÍK, Róbert - STAŠOVÁ, Oľga - MIKULA, Karol - REMEŠÍKOVÁ, Mariana - PEYRIERAS, Nadine - RIZZI, Barbara - SARTI, Alessandro. 4D Embryogenesis image analysis using PDE methods of image processing. In *Kybernetika*. Vol. 46, No. 2 (2010), s. 226-259. ISSN 0023-5954 (2010: 0.461 - IF, 0.309 - SJR, Q2 - SJR Best Q).

ADC23    BRONEVICH, Andrey - MESIAR, Radko. Invariant continuous aggregation functions. In *International Journal of General Systems*. Vol. 39, No. 2 (2010), s.177-188. ISSN 0308-1079 (2010: 0.641 - IF, 0.293 - SJR, Q3 - SJR Best Q).

ADC24    BUSTINCE, Humberto - FERNANDEZ, Javier - SANZ, Jose Antonio - BACZYŃSKI, Michal - MESIAR, Radko. Construction of strong equality index from implication operators. In *Fuzzy Sets and Systems*. Vol. 211 (2013), s. 15-33. ISSN 0165-0114 (2013: 1.880 - IF, Q1 - JCR Best Q, 1.558 - SJR, Q1 - SJR Best Q).

ADC25    BUSTINCE, Humberto - CALVO, Tomas - DE BAETS, Bernard - FODOR, János - MESIAR, Radko - MONTERO, Javier - PATERNAIN, Daniel - PRADERA, Ana. A class of aggregation functions encompassing two-dimensional OWA operators. In *Information Sciences*. Vol. 180, Iss. 10 (2010), s. 1977-1989. ISSN 0020-0255 (2010: 2.836 - IF, 1.510 - SJR, Q1 - SJR Best Q).

ADC26    BUSTINCE, Humberto - FERNANDEZ, Javier - MESIAR, Radko - MONTERO, Javier - ORDUNA, Raul. Overlap functions. In *Nonlinear analysis: Theory, Methods and Applications*. Vol. 72, No. 3-4 (2010), s. 1488-1499. ISSN 0362-546X (2010: 1.279 - IF, 1.273 - SJR, Q1 - SJR Best Q).

ADC27    BUSTINCE, Humberto - DE BAETS, Bernard - FERNÁNDEZ, J. - MESIAR, Radko - MONTERO, Javier. A generalization of the migrativity property of aggregation functions. In *Information Sciences*. Vol. 191 (2012), s. 76-85. ISSN 0020-0255 (2012: 3.643 - IF, Q1 - JCR Best Q, 2.964 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC28    BUSTINCE, Humberto - PAGOLA, Miguel - MESIAR, Radko - HÜLLERMEIER, Eyke - HERRERA, Francisco. Grouping, Overlap, and Generalized Bientropic Functions for Fuzzy Modeling of Pairwise Comparisons. In *IEEE Transactions on fuzzy systems*. Vol. 20, No. 3 (2012), s. 405-415. ISSN 1063-6706 (2012: 5.484 - IF, Q1 - JCR Best Q, 4.128 - SJR, Q1 - SJR Best Q).

ADC29    BUSTINCE, Humberto - FERNANDEZ, Javier - KOLESÁROVÁ, Anna - MESIAR, Radko. Generation of linear orders for intervals by means of aggregation functions. In *Fuzzy Sets and Systems*. Vol. 220 (2013) (2013), s. 69-77. ISSN 0165-0114 (2013: 1.880 - IF, Q1 - JCR Best Q, 1.558 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC30    BUSTINCE, Humberto - JURIO, Aranzazu - PRADERA, Ana - MESIAR, Radko - BELIAKOV, Gleb. Generalization of the weighted voting method using penalty functions constructed via faithful restricted dissimilarity functions. In *European Journal of Operational Research*. Vol. 225, Issue 3 (2013), s. 472-478. ISSN 0377-2217 (2013: 1.843 - IF, Q1 - JCR Best Q, 2.595 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC31    BUSTINCE, Humberto - GALAR, Mikel - BEDREGAL, Benjamín René Callejas - KOLESÁROVÁ, Anna - MESIAR, Radko. A new approach to interval-valued choquet integrals and the problem of

ordering in interval-valued fuzzy set applications. In *IEEE Transactions on fuzzy systems*. Vol. 21, No. 6 (2013), s. 1150-1162. ISSN 1063-6706 (2013: 6.306 - IF, Q1 - JCR Best Q, 3.590 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC32    CINTULA, Petr - KLEMENT, Erich Peter - MESIAR, Radko - NAVARA, Mirko. Fuzzy logics with an additional involutive negation. In *Fuzzy Sets and Systems*. Vol. 161, Issue 3 (2010), s. 390-411. ISSN 0165-0114 (2010: 1.875 - IF, 1.274 - SJR, Q1 - SJR Best Q).

ADC33    CONDER, Marston - ŠIRÁŇ, Jozef - TUCKER, Thomas W. The genera, reflexibility and simplicity of regular maps. In *Journal of the European Mathematical Society JEMS*. Roč. 12, č. 2 (2010), s. 343-364. ISSN 1435-9855 (2010: 1.353 - IF, 3.144 - SJR, Q1 - SJR Best Q).

ADC34    ČUNDERLÍK, Róbert - MIKULA, Karol. Direct BEM for high-resolution global gravity field modelling. In *Studia geophysica et geodaetica*. Vol. 54, No. 2 (2010), s. 219-238. ISSN 0039-3169 (2010: 1.123 - IF, 0.703 - SJR, Q2 - SJR Best Q).

ADC35    ČUNDERLÍK, Róbert - MIKULA, Karol - TUNEGA, Martin. Nonlinear diffusion filtering of data on the Earth's surface. In *Journal of geodesy*. Vol. 87, Iss. 2 (2013), s. 143-160. ISSN 0949-7714 (2013: 3.917 - IF, Q1 - JCR Best Q, 3.757 - SJR, Q1 - SJR Best Q).

ADC36    DE BAETS, Bernard - DE MEYER, Hans - MESIAR, Radko. Piecewise linear aggregation functions based on triangulation. In *Information Sciences*. Vol. 181, Iss. 3 (2011), s.466-478. ISSN 0020-0255 (2011: 2.833 - IF, 1.821 - SJR, Q1 - SJR Best Q).

ADC37    DE BAETS, Bernard - DE MEYER, Hans - MESIAR, Radko. Binary survival aggregation functions. In *Fuzzy Sets and Systems*. Vol. 191 (2012), s.83-102. ISSN 0165-0114 (2012: 1.749 - IF, Q1 - JCR Best Q, 2.007 - SJR, Q1 - SJR Best Q).

ADC38    DROBNÁ, Eva - NÁNÁSIOVÁ, Oľga - VALÁŠKOVÁ, Ľubica. Quantum logics and bivariable functions. In *Kybernetika*. Vol. 46, No. 6 (2010), s.982-995. ISSN 0023-5954 (2010: 0.461 - IF, 0.309 - SJR, Q2 - SJR Best Q). V databáze: CC ; SCOPUS.

ADC39    DURANTE, Fabrizio - MESIAR, Radko. L-measure of non-exchangeability for bivariate extreme value and Archimax copulas. In *Journal of Mathematical analysis and applications*. Vol. 369, Issue 2 (2010), s.610-615. ISSN 0022-247X (2010: 1.174 - IF, 1.408 - SJR, Q1 - SJR Best Q).

ADC40    DURANTE, Fabrizio - JAWORSKI, Piotr - MESIAR, Radko. Invariant dependence structures and Archimedean copulas. In *Statistics & Probability Letters*. Vol. 81, No.12 (2011), s.1995-2003. ISSN 0167-7152 (2011: 0.498 - IF, 0.763 - SJR, Q2 - SJR Best Q).

ADC41    EL-ZEKEY, Moataz - NOVÁK, Vilém - MESIAR, Radko. On good EQ-algebras. In *Fuzzy Sets and Systems*. Vol. 178, Issue 1 (2011), s. 1-23. ISSN 0165-0114 (2011: 1.759 - IF, 1.407 - SJR, Q1 - SJR Best Q).

ADC42    EL-ZEKEY, Moataz - MEDINA, Jesus - MESIAR, Radko. Lattice-Based Sums. In *Information Sciences*. Vol. 223 (2013), s.270-284. ISSN 0020-0255 (2013: 3.893 - IF, Q1 - JCR Best Q, 2.606 - SJR, Q1 - SJR Best Q). V databáze: WOS.

ADC43    EYMARD, Robert - HANDLOVIČOVÁ, Angela - MIKULA, Karol. Study of a finite volume scheme for the regularized mean curvature flow level set equation. In *IMA Journal of Numerical Analysis*. Vol. 31, No. 3 (2011), s. 813-846. ISSN 0272-4979 (2011: 1.481 - IF, 1.555 - SJR, Q1 - SJR Best Q).

ADC44    EYMARD, Robert - HANDLOVIČOVÁ, Angela - MIKULA, Karol. Approximation of nonlinear parabolic equations using a family of conformal and non-conformal schemes. In *Communications on pure and applied analysis*. Vol.11, No. 1 (2012), s.147-172. ISSN 1534-0392 (2012: 0.589 - IF, Q2 - JCR Best Q, 0.938 - SJR, Q1 - SJR Best Q).

ADC45    FAŠKOVÁ, Zuzana - ČUNDERLÍK, Róbert - MIKULA, Karol. Finite element method for solving geodetic boundary value problems. In *Journal of geodesy*. Vol. 84, Iss. 2 (2010), s. 135-144. ISSN 0949-7714 (2010: 1.880 - IF, 1.923 - SJR, Q1 - SJR Best Q).

ADC46    FODOR, János - KLEMENT, Erich Peter - MESIAR, Radko. Cross-migrative triangular norms. In *International Journal of Intelligent Systems*. Vol. 27, No. 5 (2012), s. 411-428. ISSN 0884-8173 (2012: 1.416 - IF, Q2 - JCR Best Q, 0.937 - SJR, Q1 - SJR Best Q).

ADC47    FROLKOVIČ, Peter - MIKULA, Karol. Preface. In *Kybernetika*. Vol. 46, No. 2 (2010), s.205-206. ISSN 0023-5954 (2010: 0.461 - IF, 0.309 - SJR, Q2 - SJR Best Q).

ADC48    FROLKOVIČ, Peter. Application of level set method for groundwater flow with moving boundary. In *Advances in Water Resources*. Vol. 47 (2012), s. 55-66. ISSN 0309-1708 (2012: 2.412 - IF, Q1 - JCR Best Q, 1.350 - SJR, Q1 - SJR Best Q).

ADC49    GAGOLEWSKI, Marek - MESIAR, Radko. Aggregating different paper quality measures with a generalized h-index. In *Journal of Informetrics*. Vol. 6, Iss. 4 (2012), s.566-579. ISSN 1751-1577 (2012: 4.153 - IF, Q1 - JCR Best Q, 3.075 - SJR, Q1 - SJR Best Q).

ADC50    GAGOLEWSKI, Marek - MESIAR, Radko. Monotone measures and universal integrals in a uniform framework for the scientific impact assessment problem. In *Information Sciences*. Vol. 263 (2014), s. 166-174. ISSN 0020-0255 (2014: 4.038 - IF, Q1 - JCR Best Q, 2.226 - SJR, Q1 - SJR Best Q).

ADC51    GHISELLI RICCI, Roberto - MESIAR, Radko - MESIAROVÁ, Andrea. Lipschitz continuity of triangular subnorms. In *Fuzzy Sets and Systems*. Vol. 240 (2014), s. 51-65. ISSN 0165-0114 (2014: 1.986 - IF, Q1 - JCR Best Q, 1.369 - SJR, Q1 - SJR Best Q).

ADC52    GRABISCH, Michel - MARICHAL, Jean-Luc - MESIAR, Radko - PAP, Endre. Aggregation functions: Means. In *Information Sciences*. Vol. 181, Iss. 1 (2011), s. 1-22. ISSN 0020-0255 (2011: 2.833 - IF, 1.821 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC53    GRABISCH, Michel - MARICHAL, Jean-Luc - MESIAR, Radko - PAP, Endre. Aggregation functions: Construction methods, conjunctive, disjunctive and mixed classes. In *Information Sciences*. Vol. 181, Iss. 1 (2011), s. 23-43. ISSN 0020-0255 (2011: 2.833 - IF, 1.821 - SJR, Q1 - SJR Best Q).

ADC54    GRANNELL, M.J. - KNOR, Martin. A lower bound for the number of orientable triangular embeddings of some complete graphs. In *Journal of Combinatorial Theory. Series B*. Vol. 100, Iss. 2 (2010), s.216-225. ISSN 0095-8956 (2010: 1.043 - IF, 2.104 - SJR, Q1 - SJR Best Q).

ADC55    GRANNELL, M.J. - KNOR, Martin. A construction for biembeddings of Latin squares. In *Electronic Journal of Combinatorics*. Vol. 18, No. 1 (2011), s.nestr. ISSN 1077-8926 (2011: 0.638 - IF, 0.965 - SJR, Q1 - SJR Best Q).

ADC56    GRANNELL, M.J. - KNOR, Martin. On the number of triangular embeddings of complete graphs and complete tripartite graphs. In *Journal of Graph Theory*. Vol. 69, Issue 1 (2012), s. 370-382. ISSN 0364-9024 (2012: 0.626 - IF, Q2 - JCR Best Q, 1.370 - SJR, Q1 - SJR Best Q).

ADC57    GRANNELL, M.J. - KNOR, Martin. Biembeddings of metacyclic groups and triangulations of orientable surfaces by complete graphs. In *Electronic Journal of Combinatorics*. Vol. 19, No. 3 (2012), s.[17] p. ISSN 1077-8926 (2012: 0.532 - IF, Q3 - JCR Best Q, 0.661 - SJR, Q2 - SJR Best Q).

ADC58    GRECO, Salvatore - MESIAR, Radko - RINDONE, Fabio. Two new characterizations of universal integrals on the scale [0,1]. In *Information Sciences*. Vol. 267 (2014), s. 217-224. ISSN 0020-0255 (2014: 4.038 - IF, Q1 - JCR Best Q, 2.226 - SJR, Q1 - SJR Best Q).

ADC59    GRECO, Salvatore - MESIAR, Radko - RINDONE, Fabio. Discrete bipolar universal integrals. In *Fuzzy Sets and Systems*. Vol. 252 (2014), s. 55-65. ISSN 0165-0114 (2014: 1.986 - IF, Q1 - JCR Best Q, 1.369 - SJR, Q1 - SJR Best Q).

ADC60    GRIGGS, T.S. - ŠIRÁŇ, Jozef - RICHTER, R. Bruce. Graphs obtained from Moufang loops and regular maps. In *Journal of Graph Theory*. Vol. 70 (2012), s.427-434. ISSN 0364-9024 (2012: 0.626 - IF, Q2 - JCR Best Q, 1.370 - SJR, Q1 - SJR Best Q).

ADC61    HALČINOVÁ, Lenka - HUTNÍK, Ondrej - MESIAR, Radko. On some classes of distance distribution function-valued submeasures. In *Nonlinear analysis: Theory, Methods and Applications*. Vol. 74, No. 5 (2011), s.1545-1554. ISSN 0362-546X (2011: 1.536 - IF, 1.832 - SJR, Q1 - SJR Best Q).

ADC62    HALČINOVÁ, Lenka - HUTNÍK, Ondrej - MESIAR, Radko. On distance distribution functions-valued submeasures related to aggregation functions. In *Fuzzy Sets and Systems*. Vol. 194 (2012), s.15-30. ISSN 0165-0114 (2012: 1.749 - IF, Q1 - JCR Best Q, 2.007 - SJR, Q1 - SJR Best Q).

ADC63    HANDLOVIČOVÁ, Angela - KOTOROVÁ, Dana. Numerical analysis of a semi-implicit DDFV scheme for the regularized curvature driven level set equation in 2D. In *Kybernetika*. Vol. 49, No. 6 (2013), s. 829-854. ISSN 0023-5954 (2013: 0.563 - IF, Q3 - JCR Best Q, 0.348 - SJR, Q2 - SJR Best Q).

ADC64    HLINĚNÁ, Dana - KALINA, Martin - KRÁĽ, Pavol. A class of implications related to Yager's f-implications. In *Information Sciences*. Vol. 260 (2014), s. 171-184. ISSN 0020-0255 (2014: 4.038 - IF, Q1 - JCR Best Q, 2.226 - SJR, Q1 - SJR Best Q).

ADC65    CHOVANEC, Ferdinand - DROBNÁ, Eva - KÔPKA, František - NÁNÁSIOVÁ, Oľga. Conditional states and independence in D-posets. In *Soft Computing*. Vol. 14, No. 10 (2010), s.1027-1034. ISSN 1432-7643 (2010: 1.512 - IF, 0.694 - SJR, Q2 - SJR Best Q). V databáze: CC ; SCOPUS.

ADC66    CHOVANEC, Ferdinand - NÁNÁSIOVÁ, Oľga - ŠOSTAK, Alexander. Preface of the guest editors. In *Soft Computing*. Vol. 14, No. 10 (2010), s.1025-1026. ISSN 1432-7643 (2010: 1.512 - IF, 0.694 - SJR, Q2 - SJR Best Q). V databáze: CC.

ADC67    JÁGR, Vladimír - KOMORNÍKOVÁ, Magda - MESIAR, Radko. Conditioning stable copulas. In *Neural network world*. Vol. 20, No. 1 (2010), s. 69-79. ISSN 1210-0552 (2010: 0.511 - IF, 0.210 - SJR, Q3 - SJR Best Q).

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ADC114      MESEŽNIKOV, David. A Construction of large graphs of diameter two and given degree from Abelian lifts of dipoles. In *Kybernetika*. Vol. 48, No. 3 (2012), s.518-521. ISSN 0023-5954 (2012: 0.619 - IF, Q4 - JCR Best Q, 0.410 - SJR, Q2 - SJR Best Q).

ADC115       MESIAR, Radko - LI, Jun - PAP, Endre. The Choquet integral as Lebesgue integral and related inequalities. In *Kybernetika*. Vol. 46, No. 6 (2010), s.1098-1107. ISSN 0023-5954 (2010: 0.461 - IF, 0.309 - SJR, Q2 - SJR Best Q).

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ADC127       MESIAR, Radko - JÁGR, Vladimír. D-Dimensional dependence functions and Archimax copulas. In *Fuzzy Sets and Systems*. Vol. 228 (2013), s.78-87. ISSN 0165-0114 (2013: 1.880 - IF, Q1 - JCR Best Q, 1.558 - SJR, Q1 - SJR Best Q).

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ADC131        MESIAROVÁ, Andrea - MESIAR, Radko - AHMAD, Khurshid. The balancing Choquet integral. In *Fuzzy Sets and Systems*. Vol. 161, Issue 17 (2010), s.2243-2255. ISSN 0165-0114 (2010: 1.875 - IF, 1.274 - SJR, Q1 - SJR Best Q).

ADC132        MICHALCOVÁ, Veronika - DUŠINSKÝ, Roman - SABO, Miroslav - AL BEYROUTIOVÁ, Maja - HAUPTVOGEL, Pavol - IVANIČOVÁ, Zuzana - ŠVEC, Miroslav. Taxonomical classification and origin of Kamut wheat. In *Plant Systematics and Evolution*. Vol. 300, iss. 7 (2014), s. 1749-1757. ISSN 0378-2697 (2014: 1.422 - IF, Q2 - JCR Best Q, 0.633 - SJR, Q2 - SJR Best Q).

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ADC138        MIKUT, Ralf - HAMPRECHT, Fred A. - KAUSLER, B.X. - MIKULA, Karol - SANTOS, Andres - PEYRIÉRAS, Nadine - DICKMEIS, Thomas - DRIEVER, Wolfgang - GEURTS, Pierre - LEDESMA-CARBAYO, Maria J. - MARÉE, Raphael - PANTAZIS, Periklis - RONNEBERGER, Olaf - STOTZKA, Rainer - STRÄHLE, Uwe. Automated processing of Zebrafish imaging data: A survey. In *Zebrafish*. Vol.10, No. 3 (2013), s. 401-421. ISSN 1545-8547 (2013: 1.772 - IF, Q1 - JCR Best Q, 0.953 - SJR, Q1 - SJR Best Q).

ADC139        MILLER, Mirka - BALBUENA, Camino - ŠIRÁŇ, Jozef - ŽDÍMALOVÁ, Mária. Large vertex-transitive graphs of diameter 2 from incidence graphs of biaffine planes. In *Discrete Mathematics*. Vol. 313, No. 19 (2013), s.2014-2019. ISSN 0012-365X (2013: 0.566 - IF, Q3 - JCR Best Q, 1.124 - SJR, Q1 - SJR Best Q).

ADC140        MOHAMMADPOUR, Adel - MESIAR, Radko - AGAHI, Hamzeh. Generalizations of the Chebyshev-type inequality for Choquet-like expectation. In *Information Sciences*. Vol. 236 (2013), s. 168-173. ISSN 0020-0255 (2013: 3.893 - IF, Q1 - JCR Best Q, 2.606 - SJR, Q1 - SJR Best Q).

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ADC143    NÁNÁSIOVÁ, Oľga - VALÁŠKOVÁ, Ľubica. Marginality and Triangle Inequality. In *International Journal of Theoretical Physics*. Vol. 49, No. 12 (2010), s.3199-3208. ISSN 0020-7748 (2010: 0.670 - IF, 0.312 - SJR, Q3 - SJR Best Q). V databáze: CC.

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ADC145    OUYANG, Yao - MESIAR, Radko - AGAHI, Hamzeh. An inequality related to Minkowski type for Sugeno integrals. In *Information Sciences*. Vol. 180, Iss. 14 (2010), s.2793-2801. ISSN 0020-0255 (2010: 2.836 - IF, 1.510 - SJR, Q1 - SJR Best Q). V databáze: SCOPUS.

ADC146    PALMEIRA, Eduardo - BEDREGAL, Benjamín René Callejas - MESIAR, Radko - FERNANDEZ, Javier. A new way to extend t-norms, t-conorms and negations. In *Fuzzy Sets and Systems*. Vol. 240 (2014), s. 1-21. ISSN 0165-0114 (2014: 1.986 - IF, Q1 - JCR Best Q, 1.369 - SJR, Q1 - SJR Best Q). V databáze: CC.

ADC147    PATERNAIN, Daniel - BUSTINCE, Humberto - FERNANDEZ, Javier - SANZ, Jose Antonio - BACZYŃSKI, Michal - BELIAKOV, Gleb - MESIAR, Radko. Strong Fuzzy Subsethood Measures and Strong Equalities Via Implication Functions. In *Journal of Multiple-valued Logic and Soft Computing*. Vol. 22, iss. 4-6 (2014), s. 347-371. ISSN 1542-3980 (2014: 0.346 - IF, Q4 - JCR Best Q, 0.490 - SJR, Q2 - SJR Best Q).

ADC148    PETRIČKOVÁ, Anna - KOMORNÍKOVÁ, Magda. Copula approach to residuals of regime-switching models. In *Kybernetika*. Vol. 48, No. 3 (2012), s.550-566. ISSN 0023-5954 (2012: 0.619 - IF, Q4 - JCR Best Q, 0.410 - SJR, Q2 - SJR Best Q).

ADC149    PETRÍK, Milan - SARKOCI, Peter. Zero-Reconstructible Triangular Norms as Universal Approximators. In *Neural network world*. Vol. 20, No. 1 (2010), s.63-67. ISSN 1210-0552 (2010: 0.511 - IF, 0.210 - SJR, Q3 - SJR Best Q).

ADC150    PETRÍK, Milan - MESIAR, Radko. On the structure of special classes of uninorms. In *Fuzzy Sets and Systems*. Vol. 240 (2014), s. 22-38. ISSN 0165-0114 (2014: 1.986 - IF, Q1 - JCR Best Q, 1.369 - SJR, Q1 - SJR Best Q).

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ADC152    RIEČANOVÁ, Zdenka - KALINA, Martin. Top element problem and MacNeille completions of generalized effect algebras. In *Reports on Mathematical Physics*. Vol. 74, Iss. 2 (2014), s. 265-276. ISSN 0034-4877 (2014: 0.871 - IF, Q3 - JCR Best Q, 0.444 - SJR, Q3 - SJR Best Q).

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ADC154    SARKOCI, Peter - PETRÍK, Milan. Associativity of triangular norms characterized by the geometry of their level sets. In *Fuzzy Sets and Systems*. Vol. 202 (2012), s. 100-109. ISSN 0165-0114 (2012: 1.749 - IF, Q1 - JCR Best Q, 2.007 - SJR, Q1 - SJR Best Q).

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ADC156        STUPŇANOVÁ, Andrea - KOLESÁROVÁ, Anna. Associative n-dimensional copulas. In *Kybernetika*. Vol. 47, No. 1 (2011), s. 93-99. ISSN 0023-5954 (2011: 0.454 - IF, 0.307 - SJR, Q2 - SJR Best Q). V databáze: CC.

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ADC158        ŠIAGIOVÁ, Jana - ŠIRÁŇ, Jozef. Approaching the Moore bound for diameter two by Cayley graphs. In *Journal of Combinatorial Theory. Series B*. Vol. 102, Iss. 2 (2012), s. 470-473. ISSN 0095-8956 (2012: 0.845 - IF, Q1 - JCR Best Q, 2.181 - SJR, Q1 - SJR Best Q).

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ADC161        ŠIRÁŇ, Jozef - WATKINS, Mark E. Imprimitivity of locally finite, 1-ended, planar graphs. In *Ars Mathematica Contemporanea*. Vol. 5, No. 2 (2012), s.213-217. ISSN 1855-3966 (2012: 0.667 - IF, Q2 - JCR Best Q, 0.360 - SJR, Q3 - SJR Best Q).

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ADC164        ZANELLA, Cecilia - CAMPANA, Matteo - RIZZI, Barbara - MELANI, Camilo - SANGUINETTI, Gonzalo - BOURGINE, Paul - MIKULA, Karol - PEYRIERAS, Nadine - SARTI, Alessandro. Cells Segmentation From 3-D Confocal Images of Early Zebrafish Embryogenesis. In *IEEE Transactions on image processing*. Vol. 19, No. 3 (2010), s. 770-781. ISSN 1057-7149 (2010: 2.918 - IF, 1.591 - SJR, Q1 - SJR Best Q).

ADC165        ZHANG, Qiang - MESIAR, Radko - LI, Jun - STRUK, Peter. Generalized Lebesgue integral. In *International Journal of Approximate Reasoning*. Vol. 52, Iss. 3 (2011), s. 427-443. ISSN 0888-613X (2011: 1.948 - IF, 1.703 - SJR, Q1 - SJR Best Q).

**ADE Vedecké práce v ostatných zahraničných časopisoch**

ADE01        BODJANOVA, Slavka - KALINA, Martin. Fuzzy integral-based T- and S-evaluators. Shilkret and Choquet integrals. In *Integration: Mathematical Theory and Applications*. Vol. 2, Issue 4 (2012), s.3-26. ISSN 1948-5972.

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ADE03        GRANNELL, M.J. - KNOR, Martin. An enumeration of minimum genus orientable embeddings of some complete bipartite graphs. In *Journal of Combinatorial Mathematics and Combinatorial Computing*. Vol. 73 (2010), s.95-102. ISSN 0835-3026 (2010: 0.419 - SJR, Q3 - SJR Best Q).

ADE04        GRANNELL, M.J. - KNOR, Martin. Biembeddings of Abelian Groups. In *Journal of Combinatorial Designs*. Vol. 18, Iss. 1 (2010), s.71-83. ISSN 1063-8539 (2010: 0.662 - IF, 1.238 - SJR, Q1 - SJR Best Q).

ADE05    GRANNELL, M.J. - KNOR, Martin. Biembeddings of Latin squares obtained from a voltage construction. In *Australasian journal of combinatorics*. Vol. 51 (2011), s.259-270. ISSN 2202-3518 (2011: 0.414 - SJR, Q4 - SJR Best Q).

ADE06    GRANNELL, M.J. - KNOR, Martin. Biembedding Abelian groups with mates having transversals. In *Journal of Combinatorial Designs*. Vol. 20 (2012), s.81-88. ISSN 1063-8539 (2012: 0.687 - IF, Q2 - JCR Best Q, 1.095 - SJR, Q1 - SJR Best Q).

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ADE08    JENČA, Gejza. Sharp and Meager Elements in Orthocomplete Homogeneous Effect Algebras. In *ORDER*. Vol. 27, No. 1 (2010), s. 41-61. ISSN 0167-8094 (2010: 0.439 - IF, 0.349 - SJR, Q3 - SJR Best Q). V databáze: WOS: 000274657300004 ; SCOPUS ; DOI: 10.1007/s11083-009-9137-5.

ADE09    JENČA, Gejza. Extensions of Witness Mappings. In *ORDER*. Vol. 29, No. 3 (2012), s. 533-544. ISSN 0167-8094 (2012: 0.397 - IF, Q4 - JCR Best Q, 0.390 - SJR, Q3 - SJR Best Q). V databáze: WOS: 000309546200009 ; SCOPUS ; DOI: 10.1007/s11083-011-9219-z.

ADE10    KALINA, Martin - PASEKA, Jan - RIEČANOVÁ, Zdenka. Sharply Orthocomplete Effect Algebras. In *Acta Polytechnica*. Vol. 50, No. 5 (2010), s.51-56. ISSN 1210-2709 (2010: 0.000 - SJR).

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ADE12    KLEMENT, Erich Peter - MESIAR, Radko. Discrete Integrals and Axiomatically Defined Functionals. In *Axioms*. Vol. 1, No. 1 (2012), s.9-20. ISSN 2075-1680 (2012).

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ADE15    KNOR, Martin. Minimal non-selfcentric radially-maximal graphs of radii 4 and 5. In *Journal of Combinatorial Mathematics and Combinatorial Computing*. Vol. 73 (2010), s.237-243. ISSN 0835-3026 (2010: 0.419 - SJR, Q3 - SJR Best Q).

ADE16    KNOR, Martin - ŠIRÁŇ, Jozef - POTOČNIK, Primož - ŠKREKOVSKI, Riste - SIKIRIC, M.Dutour. Hyperbolic analogues of fullerenes on orientable surfaces. In *Discrete Mathematics*. Vol. 312 (2012), s.729-736. ISSN 0012-365X (2012: 0.578 - IF, Q2 - JCR Best Q, 1.000 - SJR, Q1 - SJR Best Q).

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ADE20    KOLLÁR, Jozef. Tajné písmo Martina Kukučína. In *Crypto-World*. Roč. 12, č. 1 (2010), s.12-16. ISSN 1801-2140.

ADE21    KOLLÁR, Jozef. ČS Šifry z obdobia 2. svetovej vojnyDiel 2.: Šifra "Rímska dva". In *Crypto-World*. Roč. 13, č. 2 (2011), s.2-11. ISSN 1801-2140.

ADE22    KOLLÁR, Jozef. ČS Šifry z obdobia 2. svetovej vojnyDiel 3.: Šifra "Rímska osem". In *Crypto-World*. Roč. 13, č. 3 (2011), s.2-12. ISSN 1801-2140.

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ADE25    KOLLÁR, Jozef. ČS Šifry z obdobia 2. svetovej vojnyÚvod k seriálu. In *Crypto-World*. Roč. 13, č. 1 (2011), s.2. ISSN 1801-2140.

ADE26    KOLLÁR, Jozef. ČS Šifry z obdobia 2. svetovej vojnyDiel 4.: Šifra "Rímska deväť". In *Crypto-World*. Roč. 13, č. 4 (2011), s.2-16. ISSN 1801-2140.

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ADE28    KOLLÁR, Jozef. ČS Šifry z obdobia 2. svetovej vojnyDiel 6.: Šifra "Rímska trinásť". In *Crypto-World*. Roč. 13, č. 6 (2011), s.2-11. ISSN 1801-2140.

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ADE30    KOLLÁR, Jozef. ČS Šifry z obdobia 2. svetovej vojny. Diel 9., Šifra "Růžena". In *Crypto-World*. Roč. 13, č.10 (2011), s.2-12. ISSN 1801-2140.

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ADE35    KOLLÁR, Jozef. Häyhänen -- sovietsky špión. In *Crypto-World*. Roč. 15, č. 7-8 (2013), s.2-9. ISSN 1801-2140.

ADE36    KOLLÁR, Jozef. Sovietska šifra VIC. In *Crypto-World*. Roč. 15, č. 9-10 (2013), s.2-16. ISSN 1801-2140.

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ADE40    LENČUCHOVÁ, Jana. Testing of Markov Assumptions Based on the Dynamic Specification Test. In *Acta Polytechnica Hungarica*. Vol. 8, No. 3 (2011), s.27-36. ISSN 1785-8860 (2011: 0.385 - IF, 0.226 - SJR, Q2 - SJR Best Q).

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ADE49    SABO, Miroslav - ČERŇANOVÁ, Andrea. Odhad suicidiálneho rizika sestrami. In *Kontakt*. Roč.14, č. 3 (2012), s.276-285. ISSN 1804-7122 (2012).

ADE50    SABO, Miroslav - HAJDÚKOVÁ, Tatiana. Identifikácia počtu páchateľov analýzou DNA. In *Kriminalistika*. Roč.45, č. 2 (2012), s.142-146. ISSN 1210-9150.

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ADE53    STANEKOVÁ, Ľubica - ŽDÍMALOVÁ, Mária. Automorphism group of the Comellas-Fiol digraphs. In *AKCE International Journal of Graphs and Combinatorics*. Vol. 9, No. 2 (2012), s.187-193. ISSN 0972-8600 (2012: 0.117 - SJR, Q4 - SJR Best Q).

ADE54    STEHLÍK, Milan - WARTNER, Fabian - MINÁROVÁ , Mária. Fractal analysis for cancer research: case study and simulation of fractals. In *Pliska Studia Mathematica Bulgarica*. Vol. 22 (2013), s.195-206. ISSN 0204-9805.

ADE55    SUMEC, Jozef - MINÁROVÁ , Mária. Mechanical and Mathematical Modeling of Visco-elastic Continua - Constitutive Equations. In *Sborník vědeckých prací Vysoké školy báňské - Technické univerzity Ostrava*. Roč. 13, č. 2 (2013), s.179-188. ISSN 1213-1962.

ADE56    ŠIAGIOVÁ, Jana - ŠIRÁŇ, Jozef. Covalence sequences of transitive plane tessellations and transitive maps on surfaces. In *Australasian journal of combinatorics*. Vol. 53 (2012), s.171-178. ISSN 2202-3518 (2012: 0.597 - SJR, Q3 - SJR Best Q).

ADE57    ŠIRÁŇ, Jozef - STANEKOVÁ, Ľubica - OLEJÁR, Marián. Reflexible regular maps with no non-trivial exponents from residual finiteness. In *Glasgow Mathematical Journal*. Vol.53 (2011), s.437-441. ISSN 0017-0895 (2011: 0.571 - IF, 0.692 - SJR, Q2 - SJR Best Q).

ADE58    ŠIRÁŇ, Jozef - POTOČNIK, Primož - LLADSER, Manuel E. - WILSON, Mark C. Random Cayley digraphs of diameter 2 and given degree. In *Discrete Mathematics and Theoretical Computer Science [elektronický nosič]*. Vol. 14, No. 2 (2012), s.83-90,online. ISSN 1365-8050 (2012: 0.545 - SJR, Q2 - SJR Best Q).

ADE59    TEREŇOVÁ, Zuzana - SOLČAN, Štefan. On some quartic surfaces with triple lines. In *Beiträge zur Algebra und Geometrie / Contributions to Algebra and Geometry*. Vol.52, No. 2 (2011), s.285-296. ISSN 0138-4821 (2011: 0.377 - SJR, Q3 - SJR Best Q).

ADE60    VAJSÁBLOVÁ, Margita - SZATMÁRI, Daniel. Variational cartographic projections for the Slovak Republic territory. In *Scientific Research and Essays*. Vol. 9, No. 6 (2014), s. 114-120. ISSN 1992-2248.

ADE61    VAJSÁBLOVÁ, Margita. Variograms and regression methods of their creation. In *Scientific Research and Essays*. Vol. 8, No. 41 (2013), s.1998-2007. ISSN 1992- 2248.

ADE62    VAVRÍKOVÁ, Lucia. Multicriteria decision making and rankings based on aggregation operators. In *Acta Polytechnica Hungarica*. Vol. 8, No. 3 (2011), s.79-90. ISSN 1785-8860 (2011: 0.385 - IF, 0.226 - SJR, Q2 - SJR Best Q).

ADE63    ŽDÍMALOVÁ, Mária. Revisiting the Comellas-Fiol-Gómez constructions of large digraphs of given degree and diameter. In *Discrete Mathematics*. Vol. 310, No. 9 (2010), s.1439-1444. ISSN 0012-365X (2010: 0.536 - IF, 0.845 - SJR, Q2 - SJR Best Q).

ADE64    ŽDÍMALOVÁ, Mária - STANEKOVÁ, Ľubica. Which Faber-Moore-Chen digraphs are Cayley digraphs? In *Discrete Mathematics*. Vol. 310, No. 17-18 (2010), s. 2238-2240. ISSN 0012-365X (2010: 0.536 - IF, 0.845 - SJR, Q2 - SJR Best Q).

ADE65    ŽDÍMALOVÁ, Mária - OLEJÁR, Marián. Large Cayley digraphs of given degree and diameter from sharply t-transitive groups. In *Australasian journal of combinatorics*. Vol. 47 (2010), s.211-216. ISSN 2202-3518 (2010: 0.511 - SJR, Q3 - SJR Best Q).

ADE66    ŽDÍMALOVÁ, Mária. A note on large cayley graphs of diameter two and given degree. In *Acta Polytechnica Hungarica*. Vol. 8, No. 3 (2011), s.57-64. ISSN 1785-8860 (2011: 0.385 - IF, 0.226 - SJR, Q2 - SJR Best Q).

**ADF Vedecké práce v ostatných domácich časopisoch**
ADF01    BACIGÁL, Tomáš. Recent tools for modelling dependence with copulas and R. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.62-67. ISSN 1336-7420.

ADF02    BACIGÁL, Tomáš - KOHNOVÁ, Silvia - SZOLGAY, Ján - HLAVČOVÁ, Kamila. Návrhová povodeň: Výber typu a odhad parametrov združeného rozdelenia pravdepodobnosti prietoku a objemu pomocou kopule. In *Acta hydrologica Slovaca*. Roč.13, č. 2 (2012), s.297-305. ISSN 2644-4690.

ADF03    ČUNDERLÍK, Róbert - TENZER, Robert - ABDALLA, Ahmed - MIKULA, Karol. The quasigeoid modelling in New Zealand using the boundary element method. In *Contributions to Geophysics and Geodesy*. Vol. 40, No. 4 (2010), s.283-297. ISSN 1338-0540 (2010: 0.205 - SJR, Q3 - SJR Best Q).

ADF04    ĎURAČIOVÁ, Renata [Galgonová, Renata] - LIESKOVSKÝ, Tibor - KROČKOVÁ, Kristína - SABO, Miroslav. Multikriteriálne rozhodovanie pomocou fuzzy množín v prostredí GIS a jeho

využitie v archeologickej predikcii. In *Geodetický a kartografický obzor*. Roč. 57 (99), č. 8 (2011), s.205-215. ISSN 1805-7446.

ADF05    ILLOVSKÝ, Michal. Exact test of dispersion. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.38-44. ISSN 1336-7420.

ADF06    JANÁK, Juraj - SLOVÍK, Stanislav - FAŠKOVÁ, Zuzana - MIKULA, Karol. Disturbing Potential and its Geometrical Properties. In *Slovak Journal of Civil Engineering*. Vol. 18, No. 3 (2010), s.27-32. ISSN 1210-3896.

ADF07    JANÁL, Dušan. Zobrazenie kategoriálnych dát do R. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.52-61. ISSN 1336-7420.

ADF08    JENČA, Gejza. Compatibility support mappings in effect algebras. In *Mathematica Slovaca*. Vol. 62, No. 3 (2012), s.363-378. ISSN 0139-9918 (2012: 0.394 - IF, Q4 - JCR Best Q, 0.364 - SJR, Q3 - SJR Best Q).

ADF09    JENEIOVÁ, Katarína - SABO, Miroslav - KOHNOVÁ, Silvia. Detekovanie trendu v dlhodobých časových radoch maximálnych ročných prietokov na Slovensku. In *Acta hydrologica Slovaca*. Roč.15, č. 1 (2014), s. 161-170. ISSN 2644-4690.

ADF10    KALICKÁ, Jana - KULLA, Tomáš. Optimálna šírka okna v neparametrickej regresii. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.75-81. ISSN 1336-7420.

ADF11    KALINA, Martin. A glance at generated implication functions. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.82-86. ISSN 1336-7420.

ADF12    KLEMENT, Erich Peter - MESIAR, Radko. Copulas and integrals. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.20-24. ISSN 1336-7420.

ADF13    KOMORNÍK, Jozef - KOMORNÍKOVÁ, Magda. Reflections of copulas and their applications in modelling of financial data. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.12-19. ISSN 1336-7420.

ADF14    KOMORNÍKOVÁ, Magda - NÁNÁSIOVÁ, Oľga. Preface. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.2-3. ISSN 1336-7420.

ADF15    KOMORNÍKOVÁ, Magda. Využitie agregačných funkcií pri konštrukcii modelov s premenlivými režimami. In *Forum Statisticum Slovacum*. Roč. 8, č. 3 (2012), s.5. ISSN 1336-7420.

ADF16    KRIVÁ, Zuzana. Základný algoritmus simulovaného žíhania. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.62-73. ISSN 1336-7420.

ADF17    KRIVÁ, Zuzana - MIKULA, Karol. Adaptive finite volume method to solve the linear diffusion equation on a consistent quadtree grid. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.74-82. ISSN 1336-7420.

ADF18    LENČUCHOVÁ, Jana. Comparing the power properties of the proposed test and some other nonlinearity tests for Markov-switching time series models. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.41-48. ISSN 1336-7420.

ADF19    LENČUCHOVÁ, Jana - PETRIČKOVÁ, Anna. Modelovanie prietokov slovenských riek viacrežimovými modelmi. In *Forum Statisticum Slovacum*. Roč. 7, č. 7 (2011), s.110-114. ISSN 1336-7420.

ADF20    MINÁROVÁ , Mária - SUMEC, Jozef. Differential equations of selected biological structures. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.96-110. ISSN 1336-7420.

ADF21   NÁNÁSIOVÁ, Oľga - PASTUCHOVÁ, Elena - VÁCLAVÍKOVÁ, Štefánia. One Expression of Associative Coefficients. In *Forum Statisticum Slovacum*. Roč, 6, č. 5 (2010), s.176-179. ISSN 1336-7420.

ADF22   NÁNÁSIOVÁ, Oľga - VALÁŠKOVÁ, Ľubica. Modelling of non-compatible random events via multidimensional states. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.33-40. ISSN 1336-7420.

ADF23   PASTUCHOVÁ, Elena - SABO, Miroslav - KOHNOVÁ, Silvia. Comparison of Clustering Methods Applied to Hydrological Data. In *Forum Statisticum Slovacum*. Roč. 7, č. 7 (2011), s.168-175. ISSN 1336-7420.

ADF24   SABO, Miroslav - NÁNÁSIOVÁ, Oľga. Clustering by two methods simultaneously. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.87-93. ISSN 1336-7420.

ADF25   SABO, Miroslav - HRABAČKOVÁ, Veronika. Koľko ponúk potrebuje slovenský spotrebiteľ? In *Communication Today*. Roč. 3, č. 1 (2012), s.98-105. ISSN 1338-130X (2012).

ADF26   SABO, Miroslav - ŠTEVKOVÁ, Andrea - KOHNOVÁ, Silvia. Využitie samoorganizujúcich sa máp pri regionálnej typizácii minimálnych prietokov na Slovensku. In *Acta hydrologica Slovaca*. Roč.12, č. 1 (2011), s.92-101. ISSN 2644-4690.

ADF27   SABO, Miroslav. Ako analyzovať časové rady pomocou wavelet transformácie. In *Acta hydrologica Slovaca*. Roč.13, č. 1 (2012), s.233-241. ISSN 2644-4690.

ADF28   SABO, Miroslav. Recent advances in multivariate statistical techniques. Clustering European countries IT skills data with artificial neural networks. In *Forum Statisticum Slovacum*. Roč. 7, č. 7 (2011), s.205-212. ISSN 1336-7420.

ADF29   SABO, Miroslav. Algoritmus DBSCAN a jeho realizácia v jazyku R. In *Forum Statisticum Slovacum*. Roč, 6, č. 5 (2010), s.210-213. ISSN 1336-7420.

ADF30   SABO, Miroslav - ČERŇANOVÁ, Andrea. Názory sestier na predsudky voči duševne chorým. In *Zdravotníctvo a sociálna práca*. Roč. 7, č. 3 (2012), s.35-43. ISSN 1336-9326.

ADF31   SABO, Miroslav. Inspecting correlations of world stock market indices using self-organizing maps. In *Forum Statisticum Slovacum*. Roč. 8, č. 7 (2012), s.155-160. ISSN 1336-7420.

ADF32   SABO, Miroslav. Modelling multivariate dependencies between world currencies during financial crisis. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.111-117. ISSN 1336-7420.

ADF33   SLEZIAK, Patrik - SABO, Miroslav. Gender differences in the prevalence of specific phobias. In *Forum Statisticum Slovacum*. Roč. 10, č. 6 (2014), s. 165-170. ISSN 1336-7420.

ADF34   SZATMÁRI, Daniel - VAJSÁBLOVÁ, Margita. Rozšírenie zobrazovacích rovníc Mercatorovho transverzálneho zobrazenia. In *Kartografické listy*. Roč. 20, č. 1 (2012), s.47-54. ISSN 1336-5274.

ADF35   SZÖKEOVÁ, Danuša - KOHNOVÁ, Silvia. Setar models in the streamflow modelling. In *Forum Statisticum Slovacum*. Roč. 8, č. 1 (2012), s.56-61. ISSN 1336-7420.

ADF36   SZÖKEOVÁ, Danuša. Grafická identifikácia prahovej hodnoty v SETAR modeloch. In *Forum Statisticum Slovacum*. Roč. 9, č. 5 (2013), s.118-126. ISSN 1336-7420.

ADF37   SZOLGAY, Ján - KOHNOVÁ, Silvia - BACIGÁL, Tomáš - HLAVČOVÁ, Kamila. Návrhová povodeň:Združená pravdepodobnostná analýza maximálnych prietokov a im prislúchajúcich objemov. In *Acta hydrologica Slovaca*. Roč.13, č. 2 (2012), s.289-296. ISSN 2644-4690.

ADF38   ŠIMOR, Viliam - SABO, Miroslav - SZÖKEOVÁ, Danuša - HLAVČOVÁ, Kamila - KOHNOVÁ, Silvia. Porovnanie modelov časových radov a metód umelej inteligencie pri predpovedi priemerných mesačných prietokov. In *Acta hydrologica Slovaca*. Roč.13, č. 1 (2012), s.207-218. ISSN 2644-4690.

ADF39    ŠTEVKOVÁ, Andrea - SABO, Miroslav - KOHNOVÁ, Silvia. Pooling of low flow regimes using cluster and principal component analysis. In *Slovak Journal of Civil Engineering*. Vol. 20, No. 2 (2012), s.19-27. ISSN 1210-3896.

ADF40    ŠTUDENCOVÁ, Zuzana - ZÁMOŽÍK, Jozef - SZARKOVÁ, Dagmar. "SKRUT" - ART. In *G - Slovenský časopis pre geometriu a grafiku. Slovak journal for geometry and graphics*. Roč. 9, č. 17 (2012), s.41-52. ISSN 1336-524X.

ADF41    VAJSÁBLOVÁ, Margita. Analýza skreslenia obrazu územia Slovenska v UTM 34. In *Geodetický a kartografický obzor*. Roč. 57 (99), č. 1 (2011), s.10-13. ISSN 1805-7446.

ADF42    VAJSÁBLOVÁ, Margita. Návrh nového kartografického zobrazenia územia Slovenskej republiky. In *Geodetický a kartografický obzor*. Roč. 57 (99), č. 8 (2011), s.185-190. ISSN 1805-7446.

ADF43    VALENT, Peter - SZOLGAY, Ján - KOMORNÍKOVÁ, Magda - HOWDEN, Nicholas J.K. Analýza časových radov dusičnanov v rieke Ouse. In *Acta hydrologica Slovaca*. Roč.11, č. 1 (2010), s.88-96. ISSN 2644-4690.

ADF44    VALENT, Peter - HOWDEN, Nicholas J.K. - SZOLGAY, Ján - KOMORNÍKOVÁ, Magda. Analysis of nitrate concentrations using nonlinear time series models. In *Journal of hydrology and hydromechanics = Vodohospodársky časopis*. Vol. 59, No. 3 (2011), s. 157-170. ISSN 0042-790X (2011: 0.340 - IF, 0.310 - SJR, Q2 - SJR Best Q).

ADF45    ZACHAROVSKÁ, Petra. Porovnanie popisných a predikčných vlastností MSW modelov s rôznymi rozdeleniami pravdepodobnosti rezíduí. In *Forum Statisticum Slovacum*. Roč. 7, č. 7 (2011), s.286-291. ISSN 1336-7420.

**ADM Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS**

ADM01    ARCHDEACON, Dan - BONNINGTON, C. Paul - ŠIRÁŇ, Jozef. Regular pinched maps. In *Australasian journal of combinatorics*. Vol. 58, (2014), s. 16-26. ISSN 1034-4942 (2014: 0.316 - SJR, Q3 - SJR Best Q).

ADM02    GRANNELL, M.J. - KNOR, Martin. Dihedral biembeddings and triangulations by complete and complete tripartite graphs. In *Graphs and Combinatorics*. Vol. 29 (2013), s. 921-932. ISSN 0911-0119 (2013: 0.331 - IF, Q4 - JCR Best Q, 0.909 - SJR, Q2 - SJR Best Q).

ADM03    GRANNELL, M.J. - KNOR, Martin. Rigid Steiner Triple Systems Obtained from Projective Triple Systems. In *Journal of Combinatorial Designs*. Vol. 22, no. 7 (2014), s. 279-290. ISSN 1063-8539 (2014: 0.657 - IF, Q2 - JCR Best Q, 0.840 - SJR, Q2 - SJR Best Q).

ADM04    HRIŇÁKOVÁ, Katarína - KNOR, Martin - ŠKREKOVSKI, Riste - TEPEH, Aleksandra. A Congruence Relation for the Wiener Index of Graphs with a Tree–Like Structure. In *MATCH : Communications in Mathematical and in Computer Chemistry*. Vol. 72, no. 3 (2014), s. 791-806. ISSN 0340-6253 (2014: 1.466 - IF, Q2 - JCR Best Q, 0.882 - SJR, Q1 - SJR Best Q).

ADM05    JENEIOVÁ, Katarína - KOHNOVÁ, Silvia - SABO, Miroslav. Detecting trends in the annual maximum discharges in the Vah River basin, Slovakia. In *Acta Silvatica et Lignaria Hungarica*. Vol. 10, no. 2 (2014), s. 133-144. ISSN 1786-691X (print) (2014: 0.295 - SJR, Q2 - SJR Best Q).

ADM06    KNOR, Martin - ŠKREKOVSKI, Riste - POTOČNIK, Primož. Wiener index of iterated line graphs of trees homeomorphic to H. In *Discrete Mathematics*. Vol. 313 (2013), s.1104-1111. ISSN 0012-365X (2013: 0.566 - IF, Q3 - JCR Best Q, 1.124 - SJR, Q1 - SJR Best Q).

ADM07    KNOR, Martin - POTOČNIK, Primož. A note on 2-subset-regular self-complementary 3-uniform hypergraphs. In *Ars Combinatoria*. Vol. 111 (2013), s.33-36. ISSN 0381-7032 (2013: 0.204 - IF, Q4 - JCR Best Q, 0.447 - SJR, Q3 - SJR Best Q).

ADM08        KNOR, Martin - ŠKREKOVSKI, Riste - POTOČNIK, Primož - ANDOVA, Vesna. On a variation of Randic index. In *Australasian journal of combinatorics*. Vol. 56 (2013), s. 61-75. ISSN 2202-3518 (2013: 0.434 - SJR, Q4 - SJR Best Q).

ADM09        KNOR, Martin - ŠKREKOVSKI, Riste. Wiener index of generalized 4-stars and of their quadratic line graphs. In *Australasian journal of combinatorics*. Vol. 58 (2014), s. 119-126. ISSN 1034-4942 (2014: 0.316 - SJR, Q3 - SJR Best Q).

ADM10        KNOR, Martin. Smallest regular graphs of given degree and diameter. In *Discussiones Mathematicae Graph Theory*. Vol. 34, no. 1 (2014), s. 187-191. ISSN 1234-3099 (2014: 0.282 - IF, Q4 - JCR Best Q, 0.507 - SJR, Q3 - SJR Best Q).

ADM11        KNOR, Martin - LUŽAR, Borut - ŠKREKOVSKI, Riste - GUTMAN, Ivan. On Wiener Index of Common Neighborhood Graphs. In *MATCH : Communications in Mathematical and in Computer Chemistry*. Vol. 72, no. 1 (2014), s. 321-332. ISSN 0340-6253 (2014: 1.466 - IF, Q2 - JCR Best Q, 0.882 - SJR, Q1 - SJR Best Q).

ADM12        KNOR, Martin - MAČAJ, Martin - POTOČNIK, Primož - ŠKREKOVSKI, Riste. Trees T Satisfying $W(L^3(T))=W(T)$. In *FILOMAT*. Vol. 28, no. 3 (2014), s. 551-556. ISSN 0354-5180 (Print) (2014: 0.638 - IF, Q2 - JCR Best Q, 0.457 - SJR, Q2 - SJR Best Q).

ADM13        KUSÁ, Alena - HRABAČKOVÁ, Veronika - SABO, Miroslav. Christianity and the value orientation of contemporary people. In *European Journal of Science and Theology*. Vol.10, No. 1 (2014), s. 135-144. ISSN 1841-1464 (2014: 0.197 - SJR, Q1 - SJR Best Q).

ADM14        KUSÁ, Alena - DANECHOVÁ, Zuzana - FINDRA, Stanislav - SABO, Miroslav. Gender differences   in purchase decision-making styles. In *European Journal of Science and Theology*. Vol. 10, no. 5 (2014), s. 113-123. ISSN 1841-1464 (2014: 0.197 - SJR, Q1 - SJR Best Q).

ADM15        MIKULA, Karol - URBÁN, Jozef. A new tangentially stabilized 3D curve evolution algorithm and its application in virtual colonoscopy. In *Advances in Computational Mathematics*. Vol. 40, no. 4 (2014), s. 819-837. ISSN 1019-7168 (2014: 1.487 - IF, Q1 - JCR Best Q, 1.255 - SJR, Q1 - SJR Best Q).

ADM16        SARKOCI, Peter. Dominance of ordinal sums of the Lukasiewicz and the product triangular norm. In *Mathematical Inequalities and Applications*. Vol. 17, no.1 (2014), s. 335-347. ISSN 1331-4343 (2014: 0.645 - IF, Q2 - JCR Best Q, 0.481 - SJR, Q2 - SJR Best Q).

**ADN Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS**
ADN01        HANDLOVIČOVÁ, Angela - KOTOROVÁ, Dana. Stability of the semi-implicit discrete duality finite volume scheme for the curvature driven level set equation in 2D. In *Tatra Mountains Mathematical Publications*. Vol. 61, (2014), s. 117-129. ISSN 1210-3195 (2014: 0.191 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.2478/tmmp-2014-0031.

ADN02        MINÁROVÁ , Mária. Mathematical Modeling of Phenomenological Material Properties – Differential Operator Forms of Constitutive Equations. In *Slovak Journal of Civil Engineering*. Vol. 22, no. 4 (2014), s. 19-24. ISSN 1210-3896. V databáze: WOS: 000217737300003.

ADN03        PASTUCHOVÁ, Elena - VÁCLAVÍKOVÁ, Štefánia. Cluster Analysis - Data Mining Technique for Discovering Natural Groupings in the Data. In *Journal of Electrical Engineering*. Vol. 64, No. 2 (2013), s.128-131. ISSN 1335-3632 (2013: 0.420 - IF, Q4 - JCR Best Q, 0.221 - SJR, Q3 - SJR Best Q).

ADN04        PETRIČKOVÁ, Anna. Moments of Markov-switching models. In *Tatra Mountains Mathematical Publications*. Vol. 61, (2014), s. 131-140. ISSN 1210-3195 (2014: 0.191 - SJR, Q4 - SJR Best Q). V databáze: SCOPUS ; DOI: 10.2478/tmmp-2014-0032.

**AEC Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách**

AEC01    BODJANOVA, Slavka - KALINA, Martin. Uninorms, Nullnorms and Evaluators. In *SISY 2012 : IEEE 10th Jubilee International Symposium on Intelligent Systems and Informatics, September 20-22, 2012 Subotica, Serbia*. Los Alamitos : IEEE, 2012, s.531-536. ISBN 978-1-4673-4750-1.

AEC02    EYMARD, Robert - HANDLOVIČOVÁ, Angela - MIKULA, Karol. Non-diffusive numerical scheme for regularized mean curvature flow level set equation in image processing. In *CISP 2010 : 2010 3rd International Congress on Image and Signal Processing - Volume 2. Yantai, China, 16.-18.10.2010* : IEEE, 2010, s.748-753. ISBN 978-1-4244-6514-9.

AEC03    HLINĚNÁ, Dana - KALINA, Martin - KRÁĽ, Pavol. Implication functions generated using functions of one variable. In *Advances in Fuzzy Implication Functions*. Berlín : Springer Verlag, 2013, s.125-153. ISBN 978-3-642-35676-6.

AEC04    KALINA, Martin - MANZI, Maddalena - MIHAILOVIĆ, Biljana. Choquet integrals and T-supermodularity. In *Intelligent Systems: Models and Applications. : Revised and selected papers from the 9th IEEE International Symposium on Intelligent Systems and Informatics SISY 2011*. Berlin : Springer Verlag, 2013, s.61-75. ISBN 978-3-642-33958-5.

AEC05    KLEMENT, Erich Peter - MESIAR, Radko - PAP, Endre. A nonlinear integral which generalizes both the choquet and the sugeno integral. In *Quantitative logic and soft computing 2010 : Volume 2*. Berlin : Springer Verlag, 2010, s.39-52. ISBN 978-3-642-15659-5.

AEC06    MESIAR, Radko - KOMORNÍKOVÁ, Magda. Aggregation Functions on Bounded Posets. In *35 years of fuzzy set theory : Celebratory volume dedicated to the retirement of Etienne E.Kerre*. Berlin : Springer, 2010, s.3-18. ISBN 978-3-642-16628-0.

AEC07    MESIAR, Radko - STUPŇANOVÁ, Andrea. Integral Sums and Integrals. In *Non-Additive Measures : Theory and Applications*. Heidelberg : Springer Verlag, 2014, s. 63-78. ISBN 978-3-319-03154-5.

AEC08    MINARECHOVÁ, Zuzana - ČUNDERLÍK, Róbert - MIKULA, Karol. Finite Elements Solutions of Boundary Value Problems Relevantto Geodesy. In *VII Hotine-Marussi Symposium on Mathematical Geodesy : Proceedings. Rome,Italy,6.-10.6.2009*. Berlin : Springer Verlag, 2012, s.205-209. ISBN 978-3-642-22078--4.

AEC09    MINARECHOVÁ, Zuzana - ČUNDERLÍK, Róbert - MIKULA, Karol - TENZER, Róbert. Influence of vertical datum inconsistencies on gravity field modelling. In *Reference Frames for Applications in Geosciences : Proceedings of the Symposium. Marne-La-Vallée,4.-8.10.2010*. Berlin : Springer Verlag, 2013, s.205-213. ISBN 978-3-642-32997-5.

AEC10    PAULOVIČOVÁ, Lucia - VAVRÍKOVÁ, Lucia. Comparison of some alternatives of excavators with application of multi-crizeria optimization method. In *Vývojové trendy v oblasti navrhovania,prípravy,realizácie a údržby stavieb [elektronický zdroj] : Zborník vedeckých prác*. Brno : Tribun EU, 2013, s.CD-ROM, s. 159-164. ISBN 978-80-263-0544-6.

**AED Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách**
AED01    BACIGÁL, Tomáš - ŽDÍMALOVÁ, Mária. Additive generators of copulas and Williamson's n-transform. In *ZAMAT 2014 [elektronický zdroj] : zborník z aplikovanej matematiky a informatiky*. 1. vyd. Bratislava : STU v Bratislave FCHPT, 2014, s. 1-9. ISBN 978-80-89597-17-8.

AED02    MESIAR, Radko - KOMORNÍKOVÁ, Magda. Probability measures on interval--valued fuzzy events. In *Acta Universitatis Matthiae Belii : Series Mathematics,Vol.19*. Banská Bystrica : Univerzita Mateja Bela v Banskej Bystrici, 2011, s.31-36. ISBN 978-80-557-0283-4.

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**FAI Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...)**
FAI01   KLEMENT, Erich Peter (ed.) - MESIAR, Radko (ed.) - STRUK, Peter (ed.) - DROBNÁ, Eva (ed.). *FSTA 2012.   Eleventh International Conference on Fuzzy Set Theory and Applications, January 30 -*

*February 3, 2012, Liptovský Ján : Abstracts*. Liptovský Mikuláš : Armed Forces Academy of General M.R.Štefánik, 2012. 108 s. ISBN 978-80-8040-438-3.

FAI02    MESIAR, Radko (ed.) - SAMINGER-PLATZ, Susanne (ed.) - STRUK, Peter (ed.). *FSTA 2016 : abstracts. Thirteenth International Conference on Fuzzy Set Theory and Applications. Liptovský Ján, SR, 24. - 29. 1. 2016*. 1. vyd. Liptovský Mikuláš : Armed Forces Academy of General M. R. Štefánik, 2016. 107 s. ISBN 978-80-8040-526-7.

FAI03    MESIAR, Radko (ed.) - SAMINGER-PLATZ, Susanne (ed.) - STRUK, Peter (ed.). *FSTA 2018 : abstracts. Fourteenth International Conference on Fuzzy Set Theory and Applications. January 28 - February 2, 2018, Liptovský Ján, Slovak Republic*. 1. vyd. Liptovský Mikuláš : Armed Forces Academy of General M. R. Štefánik, 2018. 105 s. ISBN 978-80-8040-560-1.

## GHG Práce zverejnené na internete

GHG01    ČUNDERLÍK, Róbert - MACÁK, Marek - MIKULA, Karol - MINARECHOVÁ, Zuzana. High-resolution gravity field modelling by the finite volume method. Dostupné na internete: <http://www.iag-commission2.ch/GGHS2012/Session%202/minarechova_GGHS2012.pdf>.

GHG02    ŽDÍMALOVÁ, Mária. Graph coverings and the degree-diameter problem. Dostupné na internete: <http://combgraph.upc.edu/seminari-combinatoria-teoria-de-grafs-i-aplicacions/seminar-2010-2011/#zdimalova>.

## GII Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií

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GII02    KOHNOVÁ, Silvia - SABO, Miroslav - ŠTEVKOVÁ, Andrea - JENEIOVÁ, Katarína - HLAVČOVÁ, Kamila - SZOLGAY, Ján. Comparison of SOM and non-hierarchic clustering techniques by pooling of low flows in Slovakia. In *6th Leonardo Conference 2014 : Hyper Droughts: Hydrological, Precipitation, Evaporation, Runoff Droughts. EGU Leonardo Conference Series on the Hydrological Cycle. Prague, CR, 13. - 14. 11. 2014*. Prague : Czech University of Life Sciences, 2014, [1] s.

## Štatistika: kategória publikačnej činnosti

| | | |
|---|---|---:|
| AAA | Vedecké monografie vydané v zahraničných vydavateľstvách | 2 |
| AAB | Vedecké monografie vydané v domácich vydavateľstvách | 2 |
| ABC | Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách | 3 |
| ACB | Vysokoškolské učebnice vydané v domácich vydavateľstvách | 1 |
| ADC | Vedecké práce v zahraničných karentovaných časopisoch | 165 |
| ADE | Vedecké práce v ostatných zahraničných časopisoch | 66 |
| ADF | Vedecké práce v ostatných domácich časopisoch | 45 |
| ADM | Vedecké práce v zahraničných časopisoch registrovaných v databázach Web of Science alebo SCOPUS | 16 |
| ADN | Vedecké práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS | 4 |
| AEC | Vedecké práce v zahraničných recenzovaných vedeckých zborníkoch, monografiách | 10 |
| AED | Vedecké práce v domácich recenzovaných vedeckých zborníkoch, monografiách | 6 |
| AFA | Publikované pozvané príspevky na zahraničných vedeckých konferenciách | 1 |
| AFC | Publikované príspevky na zahraničných vedeckých konferenciách | 125 |
| AFD | Publikované príspevky na domácich vedeckých konferenciách | 91 |
| AFE | Abstrakty pozvaných príspevkov zo zahraničných konferencií | 2 |
| AFF | Abstrakty pozvaných príspevkov z domácich konferencií | 1 |
| AFG | Abstrakty príspevkov zo zahraničných konferencií | 131 |
| AFH | Abstrakty príspevkov z domácich konferencií | 75 |
| AFK | Postery zo zahraničných konferencií | 22 |
| AFL | Postery z domácich konferencií | 2 |

| AGI | Správy o vyriešených vedeckovýskumných úlohách | 3 |
|---|---|---|
| BAB | Odborné monografie vydané v domácich vydavateľstvách | 8 |
| BBA | Kapitoly v odborných monografiách vydané v zahraničných vydavateľstvách | 1 |
| BCI | Skriptá a učebné texty | 15 |
| BDC | Odborné práce v zahraničných karentovaných časopisoch | 6 |
| BDE | Odborné práce v ostatných zahraničných časopisoch | 5 |
| BDF | Odborné práce v ostatných domácich časopisoch | 8 |
| BDN | Odborné práce v domácich časopisoch registrovaných v databázach Web of Science alebo SCOPUS | 1 |
| BEC | Odborné práce v zahraničných recenzovaných zborníkoch (konferenčných aj nekonferenčných) | 1 |
| BED | Odborné práce v domácich recenzovaných zborníkoch (konferenčných aj nekonferenčných) | 1 |
| BEE | Odborné práce v zahraničných zborníkoch (konferenčných aj nekonferenčných) | 8 |
| BEF | Odborné práce v domácich zborníkoch (konferenčných aj nekonferenčných) | 3 |
| BFA | Abstrakty odborných prác zo zahraničných podujatí (konferencie...) | 61 |
| BFB | Abstrakty odborných prác z domácich podujatí (konferencie...) | 23 |
| FAI | Redakčné a zostavovateľské práce knižného charakteru (bibliografie, encyklopédie, katalógy, slovníky, zborníky...) | 3 |
| GHG | Práce zverejnené na internete | 2 |
| GII | Rôzne publikácie a dokumenty, ktoré nemožno zaradiť do žiadnej z predchádzajúcich kategórií | 2 |
| **Súčet** | | **921** |

**Štatistika: skupiny kategórií publikačnej činnosti**

| Skupina A1 | Knižné publikácie charakteru vedeckej monografie (AAA, AAB, ABA, ABB, ABC, ABD) | 7 |
|---|---|---|
| Skupina A2 | Ostatné knižné publikácie (ACA, ACB, BAA, BAB, BCB, BCI, EAI, CAA, CAB, EAJ, FAI) | 27 |
| Skupina B | Publikácie v karentovaných vedeckých časopisoch (ADC, ADD, BDC, BDD, CDC, CDD, AGJ) | 191 |
| Skupina C | Publikácie, ktoré nie sú karentované, ale sú registrované v databázach WoS alebo Scopus (ADM, ADN, BDM, BDN) | 653 |
| Skupina X | Nezaradené | 43 |
| **Súčet** | | **921** |